

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 18 and 19 in accordance with the following:

1. (Previously Presented) A Fresnel lens sheet, comprising:
at least one layer having an emission surface side on which lens patterns having a Fresnel surface becoming a light beam transmission surface and a rise surface becoming a light beam non-transmission surface are formed concentrically relative to an optical axis intersecting a surface of the emission surface side outside the Fresnel lens sheet, wherein an angle of inclination of the Fresnel surface, with a plane perpendicular to the optical axis, gradually increases with a distance from the optical axis of a respective one of the lens patterns, and the Fresnel lens sheet comprises an area where the angle of inclination of at least one Fresnel surface with the plane is 77° or more.
2. (Previously Presented) The Fresnel lens sheet according to claim 1, further comprising:
a low refractive index layer provided on an incident surface side and/or the emission surface side of the Fresnel lens sheet.
3. (Previously Presented) The Fresnel lens sheet according to claim 1, further comprising:
a static charge preventive layer provided on at least an incident surface of the Fresnel lens sheet.
4. (Previously Presented) The Fresnel lens sheet according to claim 1, comprising at least two layers formed by laminating materials having different hardness and brittleness.
5. (Previously Presented) A translucent type screen, comprising:
an optical diffusion plate; and
a Fresnel lens sheet having an emission surface side on which lens patterns having a

Fresnel surface becoming a light beam transmission surface and a rise surface becoming a light beam non-transmission surface are formed concentrically relative to an optical axis of the Fresnel lens, the optical axis intersecting a surface of the emission surface side outside the Fresnel lens sheet, wherein an angle of inclination of the Fresnel surface with a plane perpendicular to the optical axis, gradually increases with a distance from the optical axis of respective lens patterns, and the Fresnel lens sheet comprises an area in which at least one angle of inclination of a Fresnel surface with the plane is 77° or more.

6. (Previously Presented) The translucent type screen according to claim 5, wherein the optical diffusion plate is any one of a ground glass, a diffusion plate containing a filler or optical diffusion particles and the like, a lenticular sheet in which a plurality of convex cylindrical lenses are arrayed in one predetermined fixed direction, a cross-lenticular sheet in which a plurality of convex cylindrical lenses are disposed on the same surface so as to intersect in two predetermined directions, a lens sheet having a prism array, and a lens sheet having a micro lens structure in which unit lenses are two-dimensionally arrayed.

7. (Previously Presented) The translucent type screen according to claim 5, wherein a low refractive index layer is provided on an incident surface side and/or the emission surface side of the Fresnel lens sheet.

8. (Previously Presented) The translucent type screen according to claim 5, wherein a static charge preventive layer is provided on at least an incident surface side of the Fresnel lens sheet.

9. (Previously Presented) The translucent type screen according to claim 5, wherein the Fresnel lens sheet comprises at least two layers formed by laminating materials having different hardness and brittleness.

10. (Previously Presented) A rear projection type display apparatus, comprising: a translucent type screen having a Fresnel lens sheet and an optical diffusion plate; a projector capable of projecting picture images onto the translucent type screen; and a reflection mirror provided between the projector and the translucent type screen on a light propagation path;

wherein on an emission surface side of the Fresnel lens sheet, lens patterns having a

Fresnel surface becoming a light beam transmission surface and a rise surface becoming a light beam non-transmission surface are formed concentrically relative to an optical axis intersecting a surface of the emission surface side outside the Fresnel lens sheet, and the reflection mirror is roughly installed at an intermediate position between the projector and the translucent type screen.

11. (Previously Presented) The rear projection type display apparatus according to claim 10, wherein an installation angle of the reflection mirror to the translucent type screen is 5° or more relative to the Fresnel lens sheet.

12. (Original) The rear projection type display apparatus according to claim 10, wherein the projector is disposed so that picture images are diagonally projected onto the translucent type screen.

13. (Previously Presented) The rear projection type display apparatus according to claim 10, wherein the optical diffusion plate is any one of a ground glass, a diffusion plate containing a filler or optical diffusion particles and the like, a lenticular sheet in which a plurality of convex cylindrical lenses are arrayed in a predetermined fixed direction, a cross-lenticular sheet in which a plurality of convex cylindrical lenses are disposed on the same surface so as to intersect in two predetermined directions, a lens sheet having a prism array, and a lens sheet having a micro lens structure in which unit lenses are two-dimensionally arrayed.

14. (Previously Presented) The rear projection type display apparatus according to claim 10, wherein a reflection surface of the reflection mirror is an aspherical surface and/or an asymmetrically curved surface.

15. (Previously Presented) The rear projection type display apparatus according to claim 10, wherein a low refractive index layer is provided on an incident surface side and/or the emission surface side of the Fresnel lens sheet.

16. (Original) The rear projection type display apparatus according to claim 10, wherein a static charge preventive layer is provided on at least an incident surface side of the Fresnel lens sheet.

17. (Previously Presented) The rear projection type display apparatus according to claim 10, wherein the Fresnel lens sheet comprises at least two layers formed by laminating materials having different hardness and brittleness.

18-19. (Cancelled).